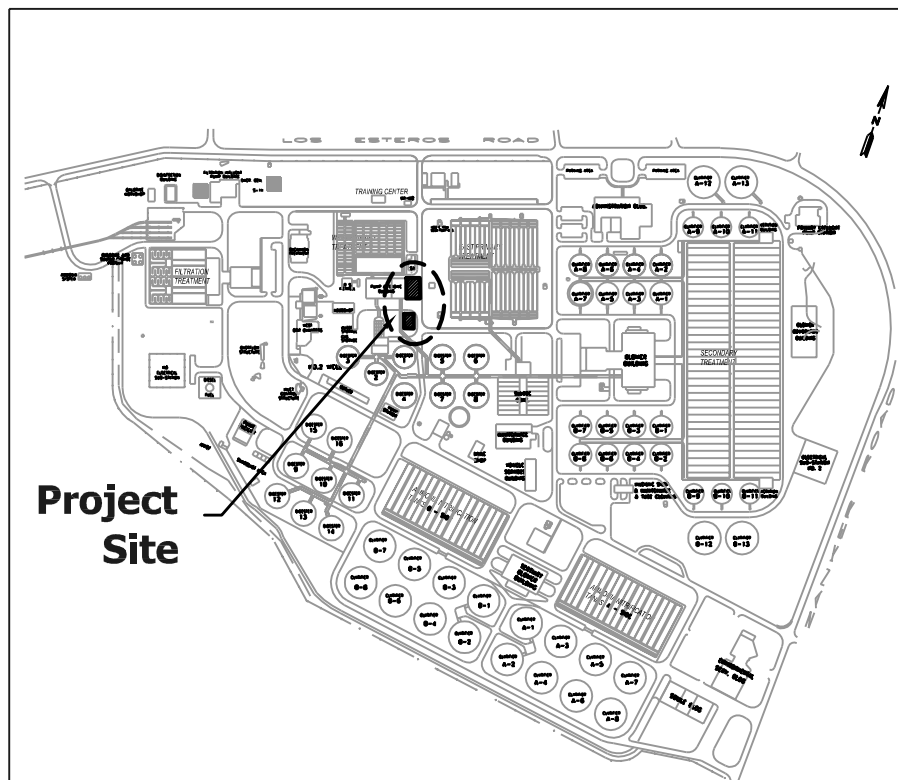


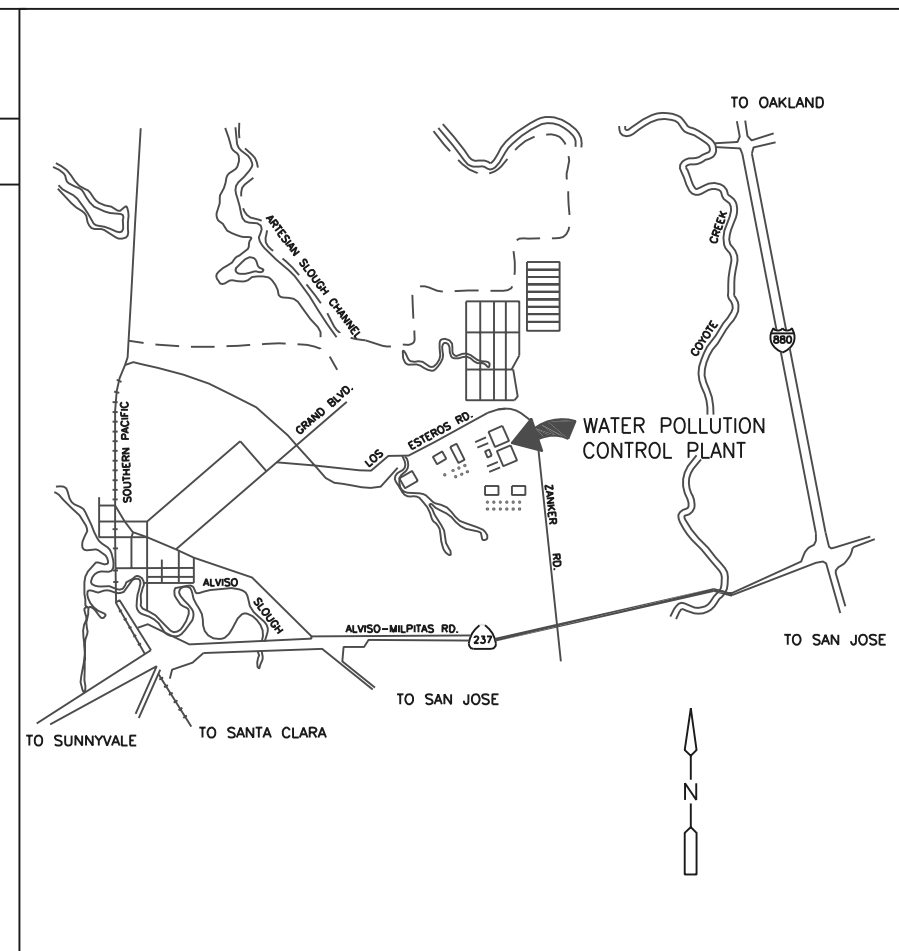
CITY OF SAN JOSE, CALIFORNIA
ENVIRONMENTAL SERVICES DEPARTMENT
SAN JOSE / SANTA CLARA WATER POLLUTION CONTROL PLANT
FISCAL YEAR 2007-2008 CAPITAL IMPROVEMENT PROGRAM
FUEL CELL SYSTEM



LOCATION MAP
N.T.S.

INDEX TO DRAWINGS

SHEET NO.	DWG NO.	TITLE
1	52G3002	TITLE SHEET
2	52G3003	SITE PLAN
3	52G3004	UNDERGROUND FACILITIES
4	-----	*SOIL BORING DATA* (FOR REFERENCE ONLY)
5	-----	*PLANT LAYOUT AND GRADING PLAN* (FOR REFERENCE ONLY)



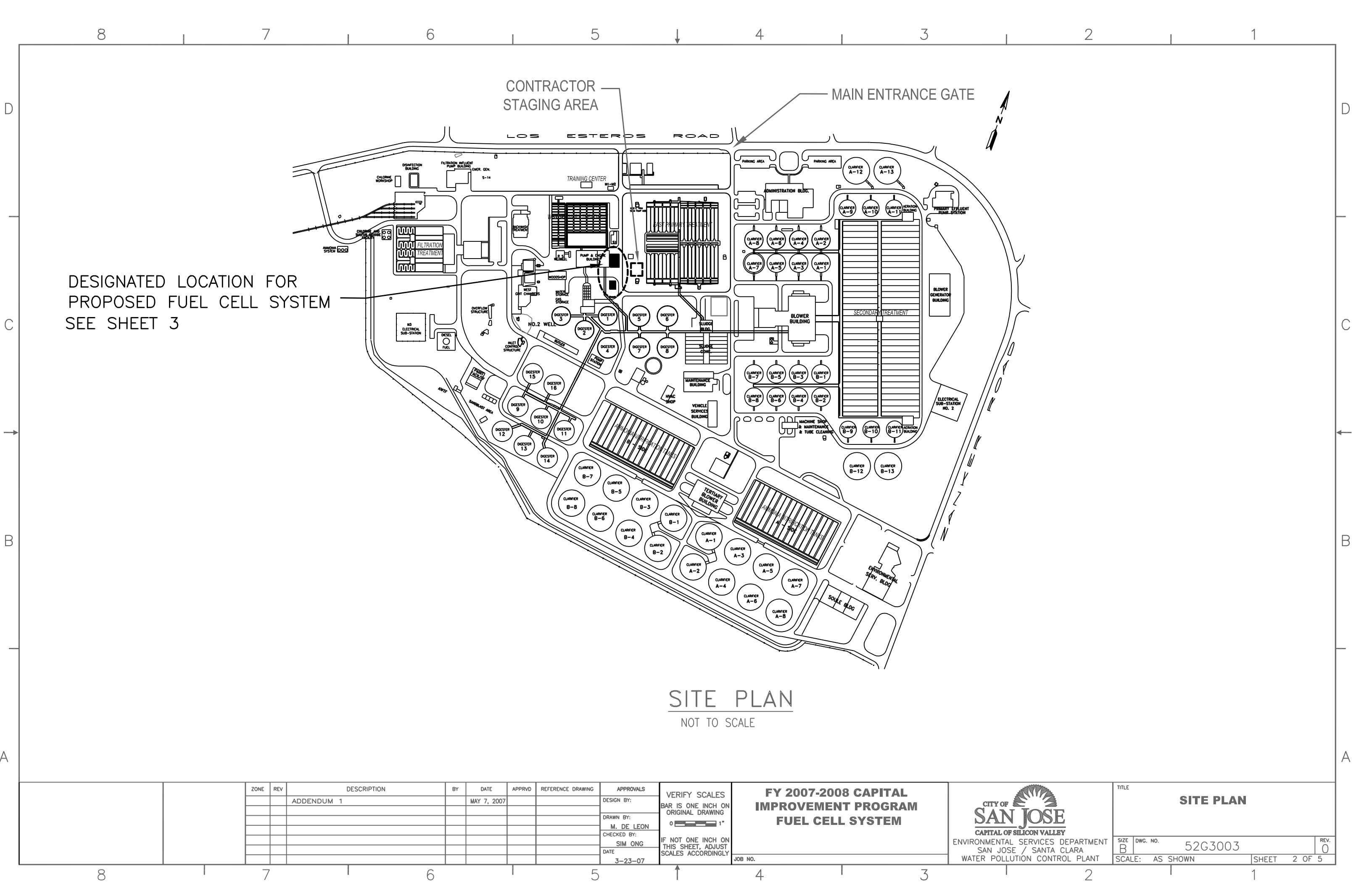
VICINITY MAP
N.T.S.

APPROVED – CITY OF SAN JOSE


BY: _____ DATE: _____

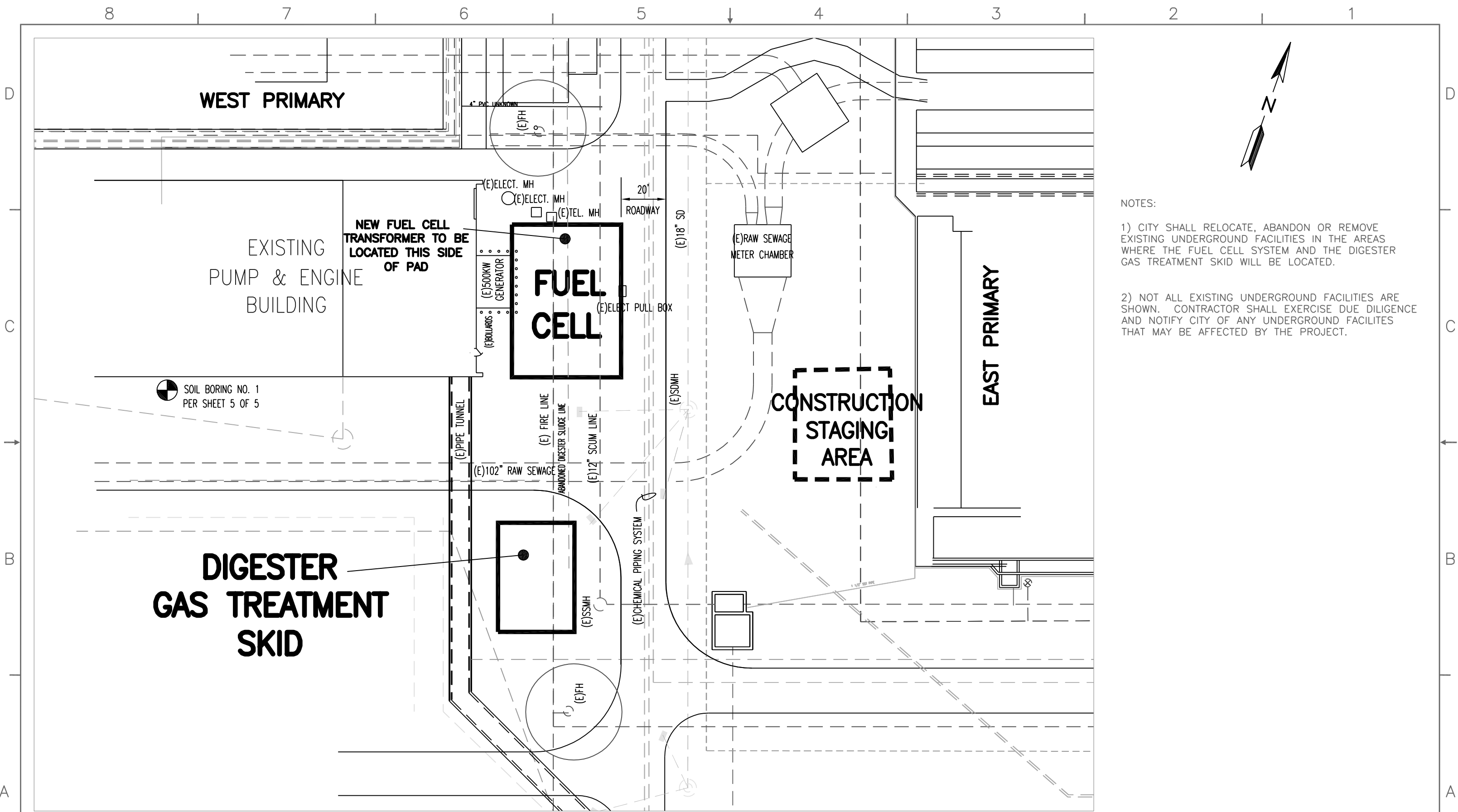
BHAVANI YERRAPOTU, P.E.
DIVISION MANAGER

	ZONE	REV	DESCRIPTION	BY	DATE	APPRVD	REFERENCE DRAWING	APPROVALS	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY 3-23-07	FY 2007-2008 CAPITAL IMPROVEMENT PROGRAM FUEL CELL SYSTEM JOB NO. XXXXXX	 CITY OF SAN JOSE CAPITAL OF SILICON VALLEY ENVIRONMENTAL SERVICES DEPARTMENT SAN JOSE / SANTA CLARA WATER POLLUTION CONTROL PLANT	TITLE	TITLE SHEET		REV.
			ADDENDUM 1		MAY 7, 2007			DESIGN BY:				SIZE B	DWG. NO. 52G3002	0	
								DRAWN BY: M. DE LEON				SIZE	NOT TO SCALE	SHEET 1 OF 5	
								CHECKED BY:							
								DATE							



SITE PLAN
NOT TO SCALE

ZONE		REV	DESCRIPTION	BY	DATE	APPRVD	REFERENCE DRAWING	APPROVALS		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	FY 2007-2008 CAPITAL IMPROVEMENT PROGRAM FUEL CELL SYSTEM	 CITY OF SAN JOSE CAPITAL OF SILICON VALLEY ENVIRONMENTAL SERVICES DEPARTMENT SAN JOSE / SANTA CLARA WATER POLLUTION CONTROL PLANT	TITLE		SITE PLAN	
			ADDENDUM 1		MAY 7, 2007			DESIGN BY:								
								DRAWN BY:	M. DE LEON				SIZE	DWG. NO.	52G3003	REV.
								CHECKED BY:	SIM ONG				B			0
								DATE	3-23-07				SCALE:	AS SHOWN	SHEET	2 OF 5




NOTES:

- 1) CITY SHALL RELOCATE, ABANDON OR REMOVE EXISTING UNDERGROUND FACILITIES IN THE AREAS WHERE THE FUEL CELL SYSTEM AND THE DIGESTER GAS TREATMENT SKID WILL BE LOCATED.
- 2) NOT ALL EXISTING UNDERGROUND FACILITIES ARE SHOWN. CONTRACTOR SHALL EXERCISE DUE DILIGENCE AND NOTIFY CITY OF ANY UNDERGROUND FACILITIES THAT MAY BE AFFECTED BY THE PROJECT.

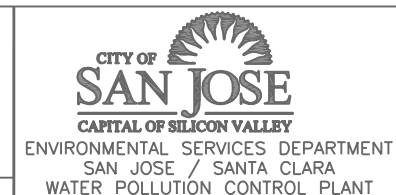
ZONE	REV	DESCRIPTION	BY	DATE	APPRVD	REFERENCE DRAWING
		ADDENDUM 1		MAY 7, 2007		

APPROVALS	
DESIGN BY:	
DRAWN BY:	M. DE LEON
CHECKED BY:	SIM ONG
DATE	3-23-07

VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
0  1"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

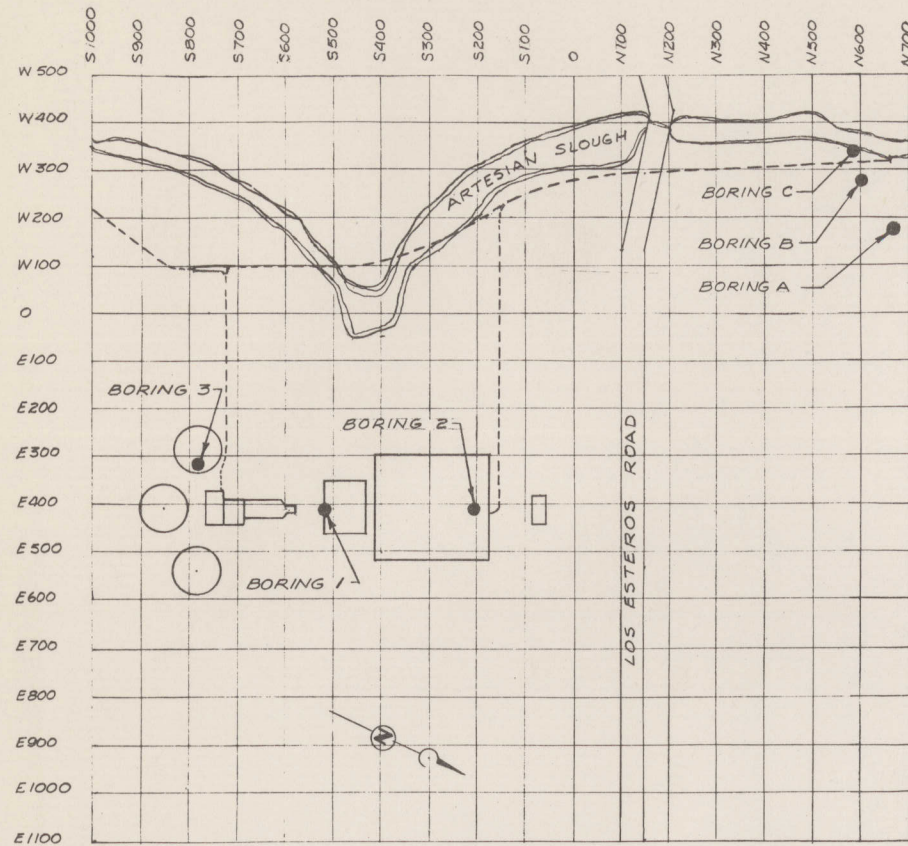
**FY 2007-2008 CAPITAL
IMPROVEMENT PROGRAM
FUEL CELL SYSTEM**

Y	JOB NO.
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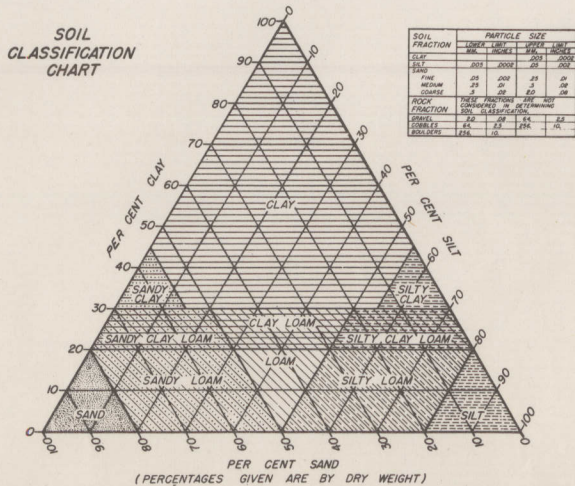
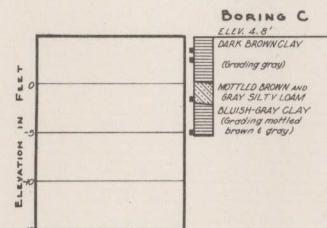
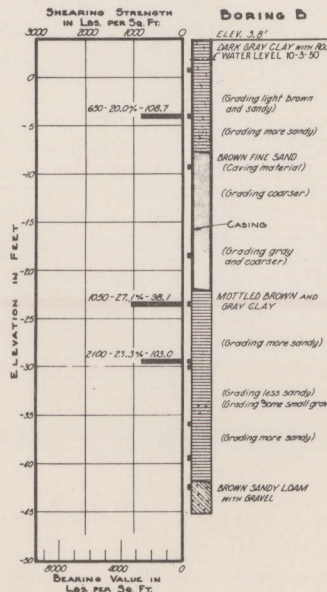
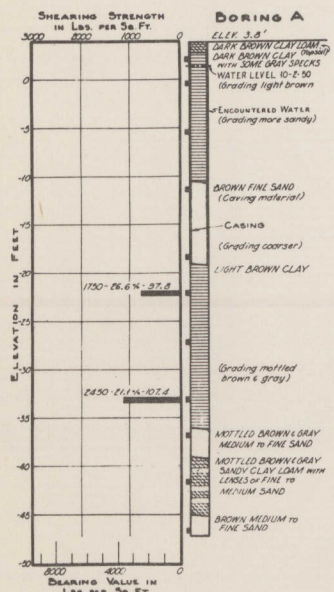
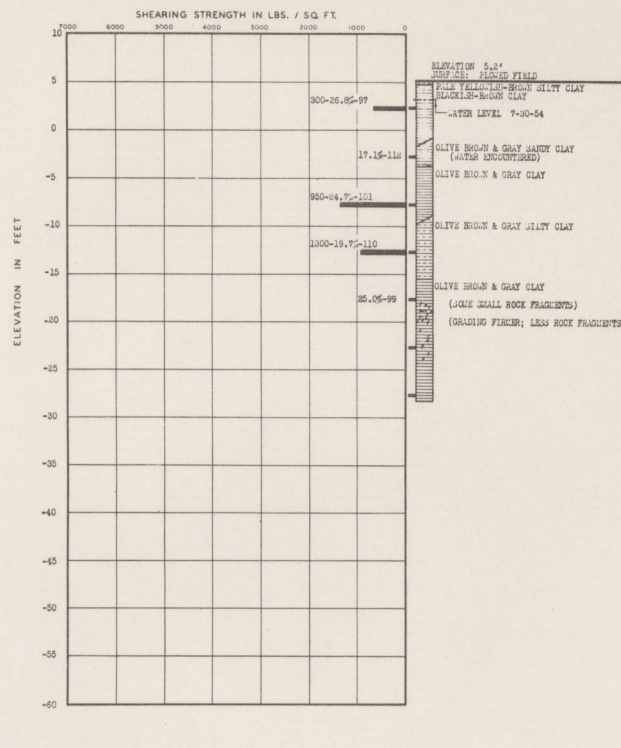
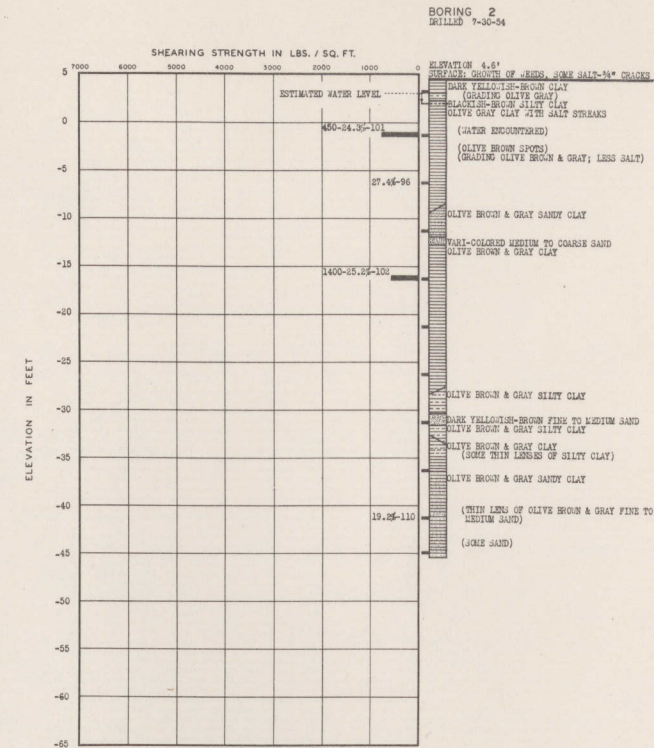
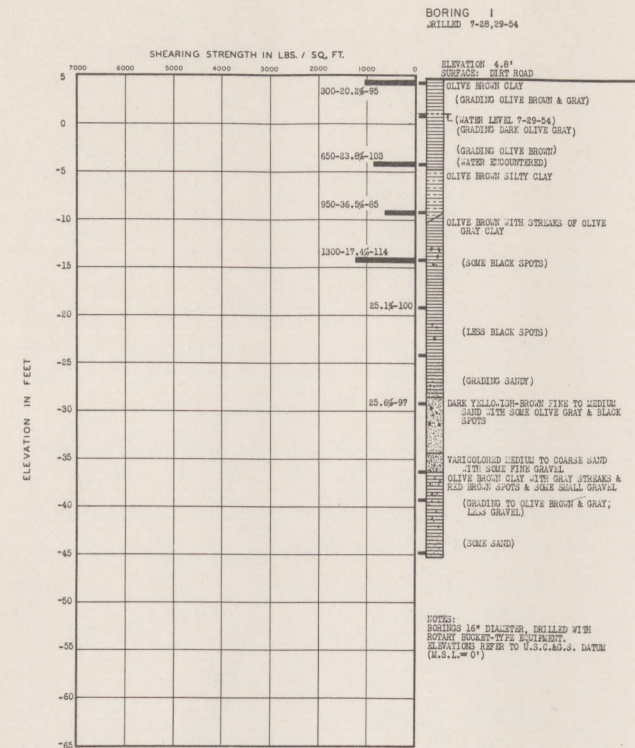


TITLE	UNDERGROUND FACILITY
-------	-----------------------------

SIZE B	DWG. NO. 52G3004	REV. 0
SCALE: NTS		SHEET 3 OF 5



PLAN
BORING LOCATIONS
1" = 200'



FOR REFERENCE ONLY

NOTE:
SUBTRACT 1.5' FROM ELEVATIONS
SHOWN TO CONFORM WITH
PLANT DATUM.

SOIL TESTS BY DAMES AND MOORE,
SAN FRANCISCO.

REVISED FOR CONSTRUCTION AT NEW SITE
DECEMBER 1, 1954
BROWN AND CALDWELL
CIVIL AND CHEMICAL ENGINEERS
SAN FRANCISCO, CALIFORNIA

4 OF 5

CITY OF SAN JOSE SEWAGE TREATMENT WORKS

SOIL BORING DATA

HYDE AND SULLIVAN, ENGINEERS

DRAWN: *FLK*

CHECKED: *DHC*

APPROVED: *DHC*

DATE: MAY 1957

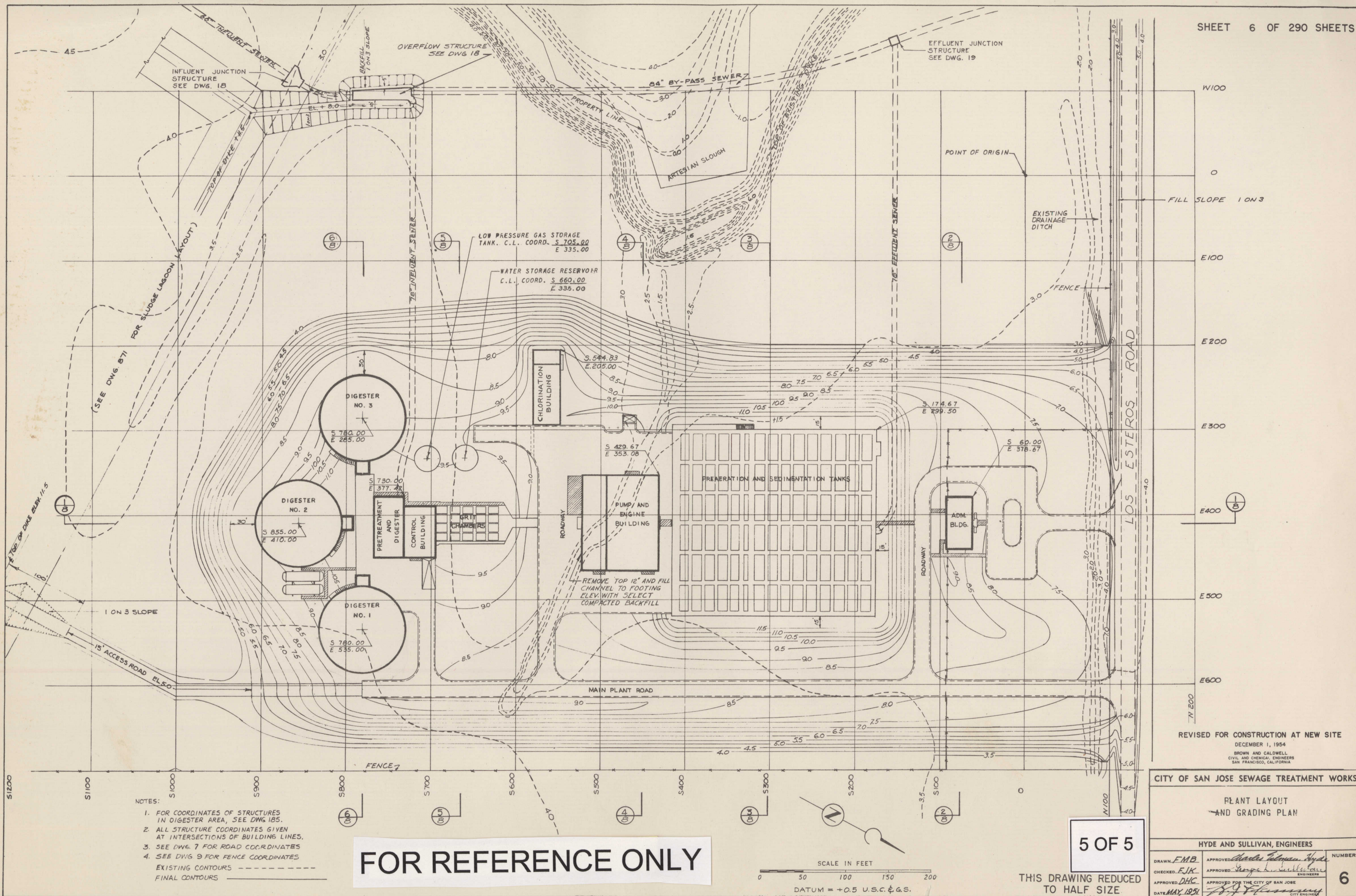
APPROVED: *Hyde and Sullivan*

APPROVED: *George Sullivan*

APPROVED FOR THE CITY OF SAN JOSE: *Ed. J. ...*

NUMBER
4

THIS DRAWING REDUCED
TO HALF SIZE



- NOTES:
1. FOR COORDINATES OF STRUCTURES IN DIGESTER AREA, SEE DWG. 185.
 2. ALL STRUCTURE COORDINATES GIVEN AT INTERSECTIONS OF BUILDING LINES.
 3. SEE DWG. 7 FOR ROAD COORDINATES
 4. SEE DWG. 9 FOR FENCE COORDINATES
- EXISTING CONTOURS
FINAL CONTOURS

FOR REFERENCE ONLY

REVISED FOR CONSTRUCTION AT NEW SITE
DECEMBER 1, 1954

BROWN AND CALDWELL
CIVIL AND CHEMICAL ENGINEERS
SAN FRANCISCO, CALIFORNIA

CITY OF SAN JOSE SEWAGE TREATMENT WORKS

PLANT LAYOUT
AND GRADING PLAN

HYDE AND SULLIVAN, ENGINEERS

DRAWN <i>FMB</i>	APPROVED <i>Charles Tolman Hyde</i>	NUMBER
CHECKED <i>FJK</i>	APPROVED <i>George L. Sullivan</i>	6
APPROVED <i>DHC</i>	APPROVED FOR THE CITY OF SAN JOSE	
DATE <i>MAY, 1951</i>	<i>Hyde</i>	

REPORT OF ANALYSIS: Selected Siloxanes (TIVA) and Silicon Equivalent

REPORT: 07019b (Method -SCAN ATD-GC-MSD Cryogenic Oven Control)

	DESCRIPTION		07041707 San Jose WPCP April 12/07 V=5.0mL mg/m ³	San Jose WPCP April 12/07 V=5.0mL ppm	Silicon Equivalent mg/m ³
CAS #	COMPOUND				
107-51-7	Octamethyl Trisiloxane (L3)	C₈H₂₄Si₃O₂	0.019	0.002	0.007
1825-64-5	Isopropoxytrimethylsilane		ND	ND	ND
1825-67-8	1-Methylbutoxytrimethylsilane *		ND	ND	ND
541-05-9	Hexamethyl Cyclotrisiloxane (D3)	C₁₂H₁₈O₃Si₃	0.668	0.073	0.253
420-56-4	Trimethylsilyl Fluoride *		0.472	0.125	0.144
1825-61-2	Methoxytrimethylsilane		ND	ND	ND
541-02-6	Decamethyl Cyclopentasiloxane (D5)	C₆H₁₈Si₂O	14.633	0.966	5.543
107-46-0	Hexamethyl Disiloxane (L2)	C₁₀H₃₀O₅Si₅	0.120	0.018	0.042
1825-65-6	Butoxytrimethylsilane *		0.023	0.004	0.004
556-67-2	Octamethyl Cyclotetrasiloxane (D4)	C₈H₂₄O₄Si₄	3.702	0.305	1.402
1825-63-4	Propoxytrimethylsilane	C₆H₁₆SiO	ND	ND	ND
1825-62-3	Ethoxytrimethylsilane	C₅H₁₄SiO	0.101	0.021	0.024
1066-40-6	Trimethylsilanol *	C₃H₁₀OSi	1.036	0.281	0.323
75-76-3	Tetramethylsilane		ND	ND	ND
1185-55-3	Trimethoxymethylsilane		ND	ND	ND
2768-02-7	Trimethoxyvinylsilane		ND	ND	ND
78-08-0	Triethoxyvinylsilane		ND	ND	ND
78-07-9	Triethoxyethylsilane		ND	ND	ND
141-62-8	Decamethyl Tetrasiloxane (L4)		ND	ND	ND
78-10-4	Tetraethylsilicate		ND	ND	ND
141-63-9	Dodecamethyl Pentasiloxane		ND	ND	ND
540-97-6	Dodecamethyl Cyclohexasiloxane		ND	ND	ND
	SUM		20.774	1.796	7.742

< (ND) = Characteristic ions are not present theref

V = Volume of air sampled

* = Semiquantitative (Response Factor set a

REPORT OF ANALYSIS: Selected Compounds in

REPORT: 07019b (Methods 1c, 3a, 5b, 6b, 7a)

CAS #	DESCRIPTION	07041707
	COMPOUND	San Jose WPCP April 12/07 V=5.0mL
292-92-6/29949-27-1	Pentyl Cyclohexane/Amyl Cyclohexane	1.30
109-67-1/1191-96-4	1-Pentene/Ethyl Cyclopropane	
79-29-8	2,3-Dimethyl Butane	
589-53-7	4-Methyl Heptane	0.18
493-02-7/91-17-8	Decalin(trans)/Decalin	2.04
109-66-0	Pentane	0.31
565-59-3	2,3-Dimethyl Pentane	
96-37-7	Methyl Cyclopentane	
96-14-0	3-Methyl Pentane	
75-83-2	2,2-Dimethyl Butane	
592-76-7	1-Heptene	
1629-58-9	Ethyl Vinyl Ketone/1-Pentene-3-one	
123-38-6	Propanal	
589-81-1	3-Methyl Heptane	0.38
67-56-1	Methanol	
1678-93-9	Butyl Cyclohexane	1.86
592-27-8	2-Methyl Heptane	0.36
565-75-3	2,3,4-Trimethyl Pentane	0.25
107-83-5	2-Methyl Pentane	
115-11-7	Isobutene/2-Methyl-1-Propene	Trace
560-21-4	2,3,3-Trimethyl Pentane	0.33
591-76-4	2-Methyl Hexane	0.34
103-65-1	Propyl Benzene	0.61
13466-78-9	3-Carene	
1678-91-7	Ethyl Cyclohexane	0.60
110-54-3	Hexane	
1120-21-4	Undecane	5.17
123-72-8	1-Butanal	
95-63-6	1,2,4-Trimethyl Benzene	2.32
99-86-5	alpha-Terpinene	
108-21-4	Isopropyl Acetate/1-Methylethyl Acetate	
534-22-5	2-Methyl Furan	
589-34-4	3-Methyl Hexane	0.29
71-43-2	Benzene	0.23
98-82-8	Cumene/Isopropyl Benzene	1.05
78-78-4	2-Methyl Butane	
107-46-0	Hexamethyl Disiloxane	0.08
620-14-4/622-96-8	m-Ethyl Toluene/p-Ethyl Toluene	2.94
99-85-4	gamma-Terpinene	1.29
111-65-9	Octane	1.99
107-87-9	Methyl Propyl Ketone/2-Pentanone	
95-47-6	o-Xylene	2.29

565-77-5	2,3,4-Trimethyl-2-Pentene	
138-86-3/5989-27-5	Limonene/D-Limonene	3.42
108-87-2	Methyl Cyclohexane	0.57
142-82-5	Heptane	0.86
100-41-4	Ethyl Benzene	2.32
79-20-9	Methyl Acetate	
106-97-8/106-98-9	Butane/1-Butene	
124-18-5	Decane	11.43
109-99-9	Tetrahydrofuran	
109-60-4	1-Propyl Acetate	
75-28-5	2-Methyl Propane/Isobutane	
123-86-4	Butyl Acetate	
105-54-4	Ethyl Butyrate/Butanoic Acid Ethyl Ester	0.43
108-38-3/106-42-3	m-Xylene/p-Xylene	8.60
108-88-3	Toluene	4.24
79-92-5	Camphene	15.45
141-78-6	Ethyl Acetate	
99-87-6	p-Cymene	22.8
78-93-3	MEK/2-Butanone	0.46
67-64-1	Acetone	
78-92-2	sec-Butyl Alcohol/2-Butanol	
115-07-1/74-98-6	1-Propene/Propane	
71-23-8	1-Propanol	
67-63-0	Isopropyl Alcohol	
71-36-3	1-Butanol	
64-17-5	Ethanol	0.13
7446-09-5	Sulphur Dioxide	28.3
75-15-0	Carbon Disulphide	0.50
540-84-1	Isooctane/2,2,4-Trimethyl Pentane	0.23
107-39-1	2,4,4-Trimethyl-1-Pentene	0.18
1678-92-8	Propyl Cyclohexane	4.23
611-14-3	o-Ethyl Toluene	1.30
-	Aromatics	4.07
-	Alkanes	41.0
-	Cycloaliphatics	17.12
-	Alkenes	1.66
-	Oxygenates	16.25
-	Complex	84.1
TVOCs (Toluene)		194.6
TVOCs (Quantified)		267
Molhave-Clausen TVOCs (Toluene)		283

Blank = Below integration threshold but presence

V = Volume of air sampled

REPORT OF ANALYSIS: Target Organic Halide Compounds (TIVA) in mg/m³

REPORT: 07019bhalogen (Methods - 1c, 3a, 5b, 6b, 7b)

		DESCRIPTION	07041707
CAS #	COMPOUND	San Jose WPCP April 12/07 V=5.0mL	Halogens as Cl Equivalent
541-73-1	1,3-Dichlorobenzene	ND	
95-50-1	1,2-Dichlorobenzene	0.001	0.001
75-68-3	1-Chloro-1,1-Difluoroethane	ND	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	
71-55-6	1,1,1-Trichloroethane	ND	
75-35-4	1,1-Dichloroethylene	ND	
67-66-3	Chloroform	ND	
156-60-5	1,2-Dichloroethene (trans)	ND	
106-46-7	1,4-Dichlorobenzene	0.123	0.060
75-01-4	Vinyl Chloride	ND	
108-90-7	Chlorobenzene	0.077	0.024
75-00-3	Chloroethane	ND	
74-87-3	Chloromethane	ND	
76-14-2	1,2-Dichloro-1,1,2,2-Tetrafluoroethane	ND	
75-34-3	1,1-Dichloroethane	ND	
75-69-4	Trichlorofluoromethane	ND	
75-09-2	Dichloromethane	ND	
79-01-6	Trichloroethylene	0.049	0.040
75-43-4	Dichlorofluoromethane	ND	
156-59-2	1,2-Dichloroethene (cis)	0.095	0.070
1615-75-4	1-Chloro-1-Fluoroethane	ND	
127-18-4	Tetrachloroethylene	0.203	0.176
75-45-6	Chlorodifluoromethane	ND	
98-56-6	1-Chloro-4-(-Trifluoromethyl)Benzene	0.521	0.411
1717-00-6	1,1-Dichloro-1-Fluoroethane	ND	
75-71-8	Dichlorodifluoromethane	ND	
2317-91-1	1-Chloro-1-Fluoroethylene	ND	
74-83-9	Bromomethane	ND	
107-05-1	3-Chloroprene	ND	
126-99-8	b-Chloroprene	ND	
52-23-5	Carbon Tetrachloride	ND	
107-06-2	1,2-Dichloroethane	ND	
78-87-5	1,2-Dichloropropane	ND	
107-07-3	2-Chloroethanol	ND	
75-27-4	Bromodichloromethane	ND	
1107-75-8	2-Chloroethoxyethene	ND	
4091-39-8	3-Chloro-2-Butanone	ND	
10061-01-5	1,3-Dichloro-1-Propene (cis)	ND	
10061-02-6	1,3-Dichloro-1-Propene (trans)	ND	
79-00-5	1,1,2-Trichloroethane	0.034	0.028
124-48-1	Dibromochloromethane	ND	
106-93-4	1,2-Dibromoethane	ND	
75-25-2	Bromoform	ND	
79-34-5	1,1,2,2-Tetrachloroethane	ND	
120-82-1	1,2,4-Trichlorobenzene	ND	
-	SUM	1.104	0.809

Table 1: Report of Analysis for Major Constituents of Biogases for Gas Recovery Systems, LLC Project 2724.1/07019a/b

LOCATION	CALIFORNIA										
SAMPLE GAS BAG							SAN JOSE WPCP		LAB		LAB
SAMPLING DATE 2007							12 APRIL		AIR CONTROL 20.9/79.1		DRY CAL GAS 63.7/36.3
	READING	ADJUSTED	READING	ADJUSTED	READING	ADJUSTED	READING	ADJUSTED	(1)	(2)	
Methane % v/v							62.2	61.8	0.0		64.0
Carbon Dioxide % v/v							37.6	36.3	0.1		36.0
Oxygen % v/v							0.2	0.2	20.4		0.0
Other – Balance % v/v							0.0	–	79.5		0.0
Nitrogen % v/v								0.8			
Water % v/v							0.9	0.9			
Relative Humidity% (@T°C)							32.1 (23.3)		32.1 (23.3)		
H ₂ S ppm											
Carbon Monoxide ppm											
Sulphur Dioxide ppm											
Total Mercaptan ppm											
Ammonia											
Water mg/L (ϯ RH)							(6.5)				
Mass Balance Total % v/v							100.9	100.0	100.0		100.0
TVOCs (Toluene) mg/m ³								194.6			
TVOCs (Molhave-Clausen) mg/m ³								283			
TVOCs (Inclusive) mg/m ³								304.9			
Gross Heating Value	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F	BTU/lb ^a @60°F
Caterpillar Program								627			
Process Associates of America Program											
Halide Compounds as Cl mgCl/m ³								0.809			
Halide Compounds as Cl µgCl/BTU								0.0366			
Silicon in Fuel mgSi/m ³								7.742			
Silicon in Fuel µgSi/BTU								0.35			
METHODS: Table A	GEM 500; Water apour methods evaluation; RH-Sper 800022; SCRUB – Charcoal trap NMVOCs								(1) Lab Air Seasonal% RH (2) BOC Zero Air @ 0% RH		
DATE RECEIVED:	18 APRIL, 2007										
DATE OF ANALYSIS:	18 APRIL, 2007										
DATE OF REPORT	23 APRIL, 2007										



ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Blue Sky Environmental, LLC
624 San Gabriel Ave.
Albany CA 94706

Attention: Guy Worthington

Sample Description: SJSC-DG1

Sampled: 11/16/2006 @ 16:00 PM by Guy Worthington

Laboratory No: 0611267-001
Date Received: 11/17/06
Date Analyzed: 11/21/06
Purchase Order:
Date Printed: 11/28/06
Test Code: 1635

Chromatographic Analysis, ASTM D-1945-81, ASTM D-3588-89, GPA 2145-94

Constituent:	Mole %	Weight %	Gas Liquids, Gallons per 1000 cubic feet	CHONS% Carbon, C Hydrogen, H Oxygen, O Nitrogen, N Sulfur, S
Oxygen	0.285	0.336		43.74
Nitrogen	0.620	0.639		
Carbon Dioxide	39.335	63.674		8.86
Carbon Monoxide	0.000	0.000		
Hydrogen Sulfide	0.104	0.130		
Methane	59.646	35.197		46.64
Ethane	0.002	0.003		
Propane	0.001	0.001	0.000	
IsoButane	0.000	0.001	0.000	
n-Butane	0.000	0.001	0.000	0.64
IsoPentane	0.000	0.001	0.000	
n-Pentane	0.001	0.003	0.000	
Hexanes+	0.005	0.015	0.002	0.12
Totals:	100.000	100.000	0.003	100.00

Gas Properties calculated at STP: degrees F.	60.00	H/C Ratio:
Measurement Base Pressure at STP: psia	14.696	0.20

Gross Btu/Cu.Ft.,	Dry Gas HHV	605.4	Relative Gas Density; Ideal gas:	0.9387
Ideal Gross Btu/Lb.	Dry Gas HHV	8423.2	Specific Gravity, (Air = 1) Real gas:	0.9412
Net Btu/Cu.Ft.	Dry Gas LHV	545.1	Real Gas Density, Lb./Cu.Ft.	0.07187
Ideal Net Btu/Lb	Dry Gas LHV	7584.4	Specific Volume, Cu.Ft./Lb.	13.9135
Gross Btu/Cu.Ft., water saturated		603.5	Compressibility, 'z'	0.9968

	Gross or HHV:	Net or LHV:
"F" Factor, DSCF/MMBtu at 60F.	9105.1	10266.0
"F" Factor, DSCF/MMBtu at 68F.	9243.7	10266.0
"F" Factor, DSCF/MMBtu at 70F.	9278.9	10305.1
"FC" Factor, DSCF CO2/MMBtu60F.	1641.8	1823.4
"FC" Factor, DSCF CO2/MMBtu68F.	1666.8	1851.1

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

15 October, 2003

John Gibbs
City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose, CA 95134

RE: -
Work Order: MMJ0005

Enclosed are the results of analyses for samples received by the laboratory on 09/30/03 18:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Camnga Thach
Project Manager

CA ELAP Certificate #1210

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134Project: -
Project Number: Plant Ops
Project Manager: John GibbsMMJ0005
Reported:
10/15/03 10:11**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Natural Gas	MMJ0005-01	Air	09/30/03 00:00	09/30/03 18:50
Digester Gas Before Compressor	MMJ0005-02	Air	09/30/03 00:00	09/30/03 18:50
Digester Gas After Compressor	MMJ0005-03	Air	09/30/03 00:00	09/30/03 18:50
Blended Gas BG-1	MMJ0005-04	Air	09/30/03 00:00	09/30/03 18:50
Landfill Gas	MMJ0005-05	Air	09/30/03 07:30	09/30/03 18:50

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Natural Gas (MMJ0005-01) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Benzene	10	0.16	ppmv	1	3J03028	10/03/03	10/03/03	EPA 8260B	
Bromobenzene	ND	0.078	"	"	"	"	"	"	
Bromochloromethane	ND	0.096	"	"	"	"	"	"	
Bromodichloromethane	ND	0.076	"	"	"	"	"	"	
Bromoform	ND	0.049	"	"	"	"	"	"	
Bromomethane	ND	0.26	"	"	"	"	"	"	
n-Butylbenzene	ND	0.091	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.091	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.091	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.080	"	"	"	"	"	"	
Chlorobenzene	ND	0.11	"	"	"	"	"	"	
Chloroethane	ND	0.19	"	"	"	"	"	"	
Chloroform	ND	0.10	"	"	"	"	"	"	
Chloromethane	ND	0.24	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.097	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.097	"	"	"	"	"	"	
Dibromochloromethane	ND	0.059	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.066	"	"	"	"	"	"	
Dibromomethane	ND	0.071	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.084	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.084	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.084	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.10	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.12	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.12	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.13	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.13	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.13	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.11	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.11	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.44	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.11	"	"	"	"	"	"	
Ethylbenzene	0.35	0.12	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.19	"	"	"	"	"	"	
Isopropylbenzene	ND	0.10	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.091	"	"	"	"	"	"	
Methylene chloride	ND	0.14	"	"	"	"	"	"	
Naphthalene	ND	0.95	"	"	"	"	"	"	
n-Propylbenzene	ND	0.10	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Natural Gas (MMJ0005-01) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Styrene	ND	0.12	ppmv	1	3J03028	10/03/03	10/03/03	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	0.074	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.074	"	"	"	"	"	"	
Tetrachloroethene	ND	0.075	"	"	"	"	"	"	
Toluene	9.5	0.13	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.068	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.068	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.093	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.093	"	"	"	"	"	"	
Trichloroethene	ND	0.094	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.090	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.084	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.17	0.10	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.16	0.10	"	"	"	"	"	"	
Vinyl chloride	ND	0.20	"	"	"	"	"	"	
Xylenes (total)	3.0	0.12	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		78.0 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		135 %	81-116		"	"	"	"	<i>S-LIM</i>
<i>Surrogate: 4-Bromofluorobenzene</i>		94.8 %	71-117		"	"	"	"	
Benzene	32	0.50	ug/l	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Natural Gas (MMJ0005-01) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
1,2-Dibromo-3-chloropropane	ND	1.0	ug/l	1	3J03028	10/03/03	10/03/03	EPA 8260B	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	1.5	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	36	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.85	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.80	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	13	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		78.0 %		73-130	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97.8 %		78-129	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Natural Gas (MMJ0005-01) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
<i>Surrogate: Toluene-d8</i>		135 %	81-116		3J03028	10/03/03	10/03/03	EPA 8260B	S-LIM
<i>Surrogate: 4-Bromofluorobenzene</i>		94.8 %	71-117		"	"	"	"	
Benzene	32	0.50	mg/m ³ Air	"	"	"	"	"	
Bromobenzene	ND	0.50	"	"	"	"	"	"	
Bromochloromethane	ND	0.50	"	"	"	"	"	"	
Bromodichloromethane	ND	0.50	"	"	"	"	"	"	
Bromoform	ND	0.50	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	0.50	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.50	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.50	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	0.50	"	"	"	"	"	"	
Chloroethane	ND	0.50	"	"	"	"	"	"	
Chloroform	ND	0.50	"	"	"	"	"	"	
Chloromethane	ND	0.50	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.50	"	"	"	"	"	"	
Dibromochloromethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Dibromomethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.50	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.50	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.50	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.50	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.50	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	1.5	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	0.50	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.50	"	"	"	"	"	"	
Methylene chloride	ND	0.50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Natural Gas (MMJ0005-01) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Naphthalene	ND	5.0	mg/m ³ Air	1	3J03028	10/03/03	10/03/03	EPA 8260B	
n-Propylbenzene	ND	0.50	"	"	"	"	"	"	
Styrene	ND	0.50	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.50	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	"	"	"	"	"	"	
Toluene	36	0.50	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.50	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.50	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.50	"	"	"	"	"	"	
Trichloroethene	ND	0.50	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.50	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.50	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.85	0.50	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.80	0.50	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	13	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		78.0 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		135 %	81-116		"	"	"	"	S-LIM
<i>Surrogate: 4-Bromofluorobenzene</i>		94.8 %	71-117		"	"	"	"	
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Benzene	ND	3.9	ppmv	25	3J03028	10/03/03	10/03/03	EPA 8260B	
Bromobenzene	ND	2.0	"	"	"	"	"	"	
Bromochloromethane	ND	2.4	"	"	"	"	"	"	
Bromodichloromethane	ND	1.9	"	"	"	"	"	"	
Bromoform	ND	1.2	"	"	"	"	"	"	
Bromomethane	ND	6.5	"	"	"	"	"	"	
n-Butylbenzene	ND	2.3	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.3	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.3	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.7	"	"	"	"	"	"	
Chloroethane	ND	4.8	"	"	"	"	"	"	
Chloroform	ND	2.6	"	"	"	"	"	"	
Chloromethane	ND	6.1	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.4	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.4	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
Dibromochloromethane	ND	1.5	ppmv	25	3J03028	10/03/03	10/03/03	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	1.6	"	"	"	"	"	"	
Dibromomethane	ND	1.8	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.6	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.6	"	"	"	"	"	"	
1,1-Dichloroethane	ND	3.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	3.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	3.2	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.7	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.7	"	"	"	"	"	"	
2,2-Dichloropropane	ND	11	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.8	"	"	"	"	"	"	
Ethylbenzene	ND	2.9	"	"	"	"	"	"	
Hexachlorobutadiene	ND	4.8	"	"	"	"	"	"	
Isopropylbenzene	ND	2.6	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.3	"	"	"	"	"	"	
Methylene chloride	ND	3.6	"	"	"	"	"	"	
Naphthalene	ND	24	"	"	"	"	"	"	
n-Propylbenzene	ND	2.6	"	"	"	"	"	"	
Styrene	ND	2.9	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.8	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.8	"	"	"	"	"	"	
Tetrachloroethene	ND	1.9	"	"	"	"	"	"	
Toluene	ND	3.3	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.7	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.7	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.3	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.3	"	"	"	"	"	"	
Trichloroethene	ND	2.4	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.2	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.1	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.6	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.6	"	"	"	"	"	"	
Vinyl chloride	ND	4.9	"	"	"	"	"	"	
Xylenes (total)	ND	2.9	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
<i>Surrogate: Dibromofluoromethane</i>		82.4 %	73-130		3J03028	10/03/03	10/03/03	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.4 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.2 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.6 %	71-117		"	"	"	"	
Benzene	ND	12	ug/l	25	"	"	"	"	
Bromobenzene	ND	12	"	"	"	"	"	"	
Bromochloromethane	ND	12	"	"	"	"	"	"	
Bromodichloromethane	ND	12	"	"	"	"	"	"	
Bromoform	ND	12	"	"	"	"	"	"	
Bromomethane	ND	25	"	"	"	"	"	"	
n-Butylbenzene	ND	12	"	"	"	"	"	"	
sec-Butylbenzene	ND	12	"	"	"	"	"	"	
tert-Butylbenzene	ND	12	"	"	"	"	"	"	
Carbon tetrachloride	ND	12	"	"	"	"	"	"	
Chlorobenzene	ND	12	"	"	"	"	"	"	
Chloroethane	ND	12	"	"	"	"	"	"	
Chloroform	ND	12	"	"	"	"	"	"	
Chloromethane	ND	12	"	"	"	"	"	"	
2-Chlorotoluene	ND	12	"	"	"	"	"	"	
4-Chlorotoluene	ND	12	"	"	"	"	"	"	
Dibromochloromethane	ND	12	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	12	"	"	"	"	"	"	
Dibromomethane	ND	12	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	12	"	"	"	"	"	"	
1,1-Dichloroethane	ND	12	"	"	"	"	"	"	
1,2-Dichloroethane	ND	12	"	"	"	"	"	"	
1,1-Dichloroethene	ND	12	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	12	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	12	"	"	"	"	"	"	
1,2-Dichloropropane	ND	12	"	"	"	"	"	"	
1,3-Dichloropropane	ND	12	"	"	"	"	"	"	
2,2-Dichloropropane	ND	50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	12	"	"	"	"	"	"	
Ethylbenzene	ND	12	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
Isopropylbenzene	ND	12	ug/l	25	3J03028	10/03/03	10/03/03	EPA 8260B	
p-Isopropyltoluene	ND	12	"	"	"	"	"	"	
Methylene chloride	ND	12	"	"	"	"	"	"	
Naphthalene	ND	120	"	"	"	"	"	"	
n-Propylbenzene	ND	12	"	"	"	"	"	"	
Styrene	ND	12	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	12	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	12	"	"	"	"	"	"	
Tetrachloroethene	ND	12	"	"	"	"	"	"	
Toluene	ND	12	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	12	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	12	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	12	"	"	"	"	"	"	
Trichloroethene	ND	12	"	"	"	"	"	"	
Trichlorofluoromethane	ND	12	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	12	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	12	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	12	"	"	"	"	"	"	
Vinyl chloride	ND	12	"	"	"	"	"	"	
Xylenes (total)	ND	12	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		82.4 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.4 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.0 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.6 %	71-117		"	"	"	"	
Benzene	ND	12	mg/m ³ Air	25	"	"	"	"	
Bromobenzene	ND	12	"	"	"	"	"	"	
Bromochloromethane	ND	12	"	"	"	"	"	"	
Bromodichloromethane	ND	12	"	"	"	"	"	"	
Bromoform	ND	12	"	"	"	"	"	"	
Bromomethane	ND	25	"	"	"	"	"	"	
n-Butylbenzene	ND	12	"	"	"	"	"	"	
sec-Butylbenzene	ND	12	"	"	"	"	"	"	
tert-Butylbenzene	ND	12	"	"	"	"	"	"	
Carbon tetrachloride	ND	12	"	"	"	"	"	"	
Chlorobenzene	ND	12	"	"	"	"	"	"	
Chloroethane	ND	12	"	"	"	"	"	"	
Chloroform	ND	12	"	"	"	"	"	"	
Chloromethane	ND	12	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									R-01
2-Chlorotoluene	ND	12	mg/m ³ Air	25	3J03028	10/03/03	10/03/03	EPA 8260B	
4-Chlorotoluene	ND	12	"	"	"	"	"	"	
Dibromochloromethane	ND	12	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	12	"	"	"	"	"	"	
Dibromomethane	ND	12	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	12	"	"	"	"	"	"	
1,1-Dichloroethane	ND	12	"	"	"	"	"	"	
1,2-Dichloroethane	ND	12	"	"	"	"	"	"	
1,1-Dichloroethene	ND	12	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	12	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	12	"	"	"	"	"	"	
1,2-Dichloropropane	ND	12	"	"	"	"	"	"	
1,3-Dichloropropane	ND	12	"	"	"	"	"	"	
2,2-Dichloropropane	ND	50	"	"	"	"	"	"	
1,1-Dichloropropene	ND	12	"	"	"	"	"	"	
Ethylbenzene	ND	12	"	"	"	"	"	"	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Isopropylbenzene	ND	12	"	"	"	"	"	"	
p-Isopropyltoluene	ND	12	"	"	"	"	"	"	
Methylene chloride	ND	12	"	"	"	"	"	"	
Naphthalene	ND	120	"	"	"	"	"	"	
n-Propylbenzene	ND	12	"	"	"	"	"	"	
Styrene	ND	12	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	12	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	12	"	"	"	"	"	"	
Tetrachloroethene	ND	12	"	"	"	"	"	"	
Toluene	ND	12	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	12	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	12	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	12	"	"	"	"	"	"	
Trichloroethene	ND	12	"	"	"	"	"	"	
Trichlorofluoromethane	ND	12	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	12	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	12	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	12	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas Before Compressor (MMJ0005-02) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
Vinyl chloride	ND	12	mg/m ³ Air	25	3J03028	10/03/03	10/03/03	EPA 8260B	
Xylenes (total)	ND	12	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		82.4 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.4 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90.0 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.6 %	71-117		"	"	"	"	
Digester Gas After Compressor (MMJ0005-03) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
Benzene	ND	1.6	ppmv	10	3J03028	10/03/03	10/03/03	EPA 8260B	
Bromobenzene	ND	0.78	"	"	"	"	"	"	
Bromochloromethane	ND	0.96	"	"	"	"	"	"	
Bromodichloromethane	ND	0.76	"	"	"	"	"	"	
Bromoform	ND	0.49	"	"	"	"	"	"	
Bromomethane	ND	2.6	"	"	"	"	"	"	
n-Butylbenzene	ND	0.91	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.91	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.91	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.80	"	"	"	"	"	"	
Chlorobenzene	ND	1.1	"	"	"	"	"	"	
Chloroethane	ND	1.9	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	2.4	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.97	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.97	"	"	"	"	"	"	
Dibromochloromethane	ND	0.59	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.66	"	"	"	"	"	"	
Dibromomethane	ND	0.71	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.3	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.1	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.1	"	"	"	"	"	"	
2,2-Dichloropropane	ND	4.4	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas After Compressor (MMJ0005-03) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
1,1-Dichloropropene	ND	1.1	ppmv	10	3J03028	10/03/03	10/03/03	EPA 8260B	
Ethylbenzene	ND	1.2	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.9	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.91	"	"	"	"	"	"	
Methylene chloride	ND	1.4	"	"	"	"	"	"	
Naphthalene	ND	9.5	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.2	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
Tetrachloroethene	ND	0.75	"	"	"	"	"	"	
Toluene	ND	1.3	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.93	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.93	"	"	"	"	"	"	
Trichloroethene	ND	0.94	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.90	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.84	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.2	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.2 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.7 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.0 %	71-117		"	"	"	"	
Benzene	ND	5.0	ug/l	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas After Compressor (MMJ0005-03) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									R-01
Chloroethane	ND	5.0	ug/l	10	3J03028	10/03/03	10/03/03	EPA 8260B	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas After Compressor (MMJ0005-03) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
1,2,3-Trichloropropane	ND	5.0	ug/l	10	3J03028	10/03/03	10/03/03	EPA 8260B	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.2 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.0 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.6 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.0 %	71-117		"	"	"	"	
Benzene	ND	5.0	mg/m ³ Air	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Digester Gas After Compressor (MMJ0005-03) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50 R-01									
1,3-Dichloropropane	ND	5.0	mg/m ³ Air	10	3J03028	10/03/03	10/03/03	EPA 8260B	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		91.2 %	73-130		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	78-129		"	"	"	"	
Surrogate: Toluene-d8		94.6 %	81-116		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	71-117		"	"	"	"	

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Gas BG-1 (MMJ0005-04) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Benzene	2.9	1.6	ppmv	10	3J03028	10/03/03	10/03/03	EPA 8260B	
Bromobenzene	ND	0.78	"	"	"	"	"	"	
Bromochloromethane	ND	0.96	"	"	"	"	"	"	
Bromodichloromethane	ND	0.76	"	"	"	"	"	"	
Bromoform	ND	0.49	"	"	"	"	"	"	
Bromomethane	ND	2.6	"	"	"	"	"	"	
n-Butylbenzene	ND	0.91	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.91	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.91	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.80	"	"	"	"	"	"	
Chlorobenzene	ND	1.1	"	"	"	"	"	"	
Chloroethane	ND	1.9	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	2.4	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.97	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.97	"	"	"	"	"	"	
Dibromochloromethane	ND	0.59	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.66	"	"	"	"	"	"	
Dibromomethane	ND	0.71	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
Dichlorodifluoromethane	1.0	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.3	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.1	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.1	"	"	"	"	"	"	
2,2-Dichloropropane	ND	4.4	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.1	"	"	"	"	"	"	
Ethylbenzene	2.4	1.2	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.9	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.91	"	"	"	"	"	"	
Methylene chloride	ND	1.4	"	"	"	"	"	"	
Naphthalene	ND	9.5	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Gas BG-1 (MMJ0005-04) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
Styrene	ND	1.2	ppmv	10	3J03028	10/03/03	10/03/03	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
Tetrachloroethene	ND	0.75	"	"	"	"	"	"	
Toluene	14	1.3	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.93	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.93	"	"	"	"	"	"	
Trichloroethene	ND	0.94	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.90	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.84	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	5.6	1.2	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96.4 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.0 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	71-117		"	"	"	"	
Benzene	9.1	5.0	ug/l	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Gas BG-1 (MMJ0005-04) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
1,2-Dibromo-3-chloropropane	ND	10	ug/l	10	3J03028	10/03/03	10/03/03	EPA 8260B	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	5.1	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	10	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	51	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	24	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		96.4 %		73-130	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		105 %		78-129	"	"	"	"	

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Blended Gas BG-1 (MMJ0005-04) Air Sampled: 09/30/03 00:00 Received: 09/30/03 18:50									
<i>Surrogate: Toluene-d8</i>		94.0 %	81-116		3J03028	10/03/03	10/03/03	EPA 8260B	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	71-117		"	"	"	"	
Benzene	9.1	5.0	mg/m ³ Air	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	5.1	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	10	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Blended Gas BG-1 (MMJ0005-04) Air **Sampled: 09/30/03 00:00** **Received: 09/30/03 18:50**

Naphthalene	ND	50	mg/m ³ Air	10	3J03028	10/03/03	10/03/03	EPA 8260B	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	51	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	24	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96.4 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.0 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	71-117		"	"	"	"	

Landfill Gas (MMJ0005-05) Air **Sampled: 09/30/03 07:30** **Received: 09/30/03 18:50**
HT-09

Benzene	2.9	1.6	ppmv	10	3J03028	10/03/03	10/04/03	EPA 8260B	
Bromobenzene	ND	0.78	"	"	"	"	"	"	
Bromochloromethane	ND	0.96	"	"	"	"	"	"	
Bromodichloromethane	ND	0.76	"	"	"	"	"	"	
Bromoform	ND	0.49	"	"	"	"	"	"	
Bromomethane	ND	2.6	"	"	"	"	"	"	
n-Butylbenzene	ND	0.91	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.91	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.91	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.80	"	"	"	"	"	"	
Chlorobenzene	ND	1.1	"	"	"	"	"	"	
Chloroethane	ND	1.9	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	2.4	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.97	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.97	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Landfill Gas (MMJ0005-05) Air Sampled: 09/30/03 07:30 Received: 09/30/03 18:50									HT-09
Dibromochloromethane	ND	0.59	ppmv	10	3J03028	10/03/03	10/04/03	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	0.66	"	"	"	"	"	"	
Dibromomethane	ND	0.71	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.84	"	"	"	"	"	"	
Dichlorodifluoromethane	2.3	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.2	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.3	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.3	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.1	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.1	"	"	"	"	"	"	
2,2-Dichloropropane	ND	4.4	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.1	"	"	"	"	"	"	
Ethylbenzene	5.4	1.2	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.9	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	1.2	0.91	"	"	"	"	"	"	
Methylene chloride	ND	1.4	"	"	"	"	"	"	
Naphthalene	ND	9.5	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.2	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.74	"	"	"	"	"	"	
Tetrachloroethene	ND	0.75	"	"	"	"	"	"	
Toluene	30	1.3	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.68	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.93	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.93	"	"	"	"	"	"	
Trichloroethene	ND	0.94	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.90	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.84	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Xylenes (total)	12	1.2	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Landfill Gas (MMJ0005-05) Air Sampled: 09/30/03 07:30 Received: 09/30/03 18:50									HT-09
<i>Surrogate: Dibromofluoromethane</i>		91.8 %	73-130		3J03028	10/03/03	10/04/03	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.0 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	71-117		"	"	"	"	
Benzene	9.2	5.0	ug/l	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	12	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	24	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Landfill Gas (MMJ0005-05) Air Sampled: 09/30/03 07:30 Received: 09/30/03 18:50									HT-09
Isopropylbenzene	ND	5.0	ug/l	10	3J03028	10/03/03	10/04/03	EPA 8260B	
p-Isopropyltoluene	6.5	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	110	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	50	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.8 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.2 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	71-117		"	"	"	"	
Benzene	9.2	5.0	mg/m ³ Air	10	"	"	"	"	
Bromobenzene	ND	5.0	"	"	"	"	"	"	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	10	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Landfill Gas (MMJ0005-05) Air Sampled: 09/30/03 07:30 Received: 09/30/03 18:50									HT-09
2-Chlorotoluene	ND	5.0	mg/m ³ Air	10	3J03028	10/03/03	10/04/03	EPA 8260B	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	12	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	24	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	20	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	6.5	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	50	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
Toluene	110	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Landfill Gas (MMJ0005-05) Air Sampled: 09/30/03 07:30 Received: 09/30/03 18:50									HT-09
Vinyl chloride	ND	5.0	mg/m ³ Air	10	3J03028	10/03/03	10/04/03	EPA 8260B	
Xylenes (total)	50	5.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.8 %	73-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	78-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.2 %	81-116		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	71-117		"	"	"	"	

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Blank (3J03028-BLK1)

Prepared & Analyzed: 10/03/03

Benzene	ND	0.50	ug/l							
Benzene	ND	0.50	mg/m ³ Air							
Benzene	ND	0.16	ppmv							
Bromobenzene	ND	0.50	ug/l							
Bromobenzene	ND	0.50	mg/m ³ Air							
Bromobenzene	ND	0.078	ppmv							
Bromochloromethane	ND	0.50	ug/l							
Bromochloromethane	ND	0.50	mg/m ³ Air							
Bromochloromethane	ND	0.096	ppmv							
Bromodichloromethane	ND	0.50	mg/m ³ Air							
Bromodichloromethane	ND	0.50	ug/l							
Bromodichloromethane	ND	0.076	ppmv							
Bromoform	ND	0.50	mg/m ³ Air							
Bromoform	ND	0.049	ppmv							
Bromoform	ND	0.50	ug/l							
Bromomethane	ND	1.0	mg/m ³ Air							
Bromomethane	ND	1.0	ug/l							
Bromomethane	ND	0.26	ppmv							
n-Butylbenzene	ND	0.091	"							
n-Butylbenzene	ND	0.50	mg/m ³ Air							
n-Butylbenzene	ND	0.50	ug/l							
sec-Butylbenzene	ND	0.091	ppmv							
sec-Butylbenzene	ND	0.50	ug/l							
sec-Butylbenzene	ND	0.50	mg/m ³ Air							
tert-Butylbenzene	ND	0.50	"							
tert-Butylbenzene	ND	0.091	ppmv							
tert-Butylbenzene	ND	0.50	ug/l							
Carbon tetrachloride	ND	0.50	mg/m ³ Air							
Carbon tetrachloride	ND	0.50	ug/l							
Carbon tetrachloride	ND	0.080	ppmv							
Chlorobenzene	ND	0.11	"							
Chlorobenzene	ND	0.50	ug/l							
Chlorobenzene	ND	0.50	mg/m ³ Air							
Chloroethane	ND	0.50	ug/l							
Chloroethane	ND	0.19	ppmv							
Chloroethane	ND	0.50	mg/m ³ Air							

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
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San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Blank (3J03028-BLK1)

Prepared & Analyzed: 10/03/03

Chloroform	ND	0.50	ug/l							
Chloroform	ND	0.10	ppmv							
Chloroform	ND	0.50	mg/m ³ Air							
Chloromethane	ND	0.50	"							
Chloromethane	ND	0.50	ug/l							
Chloromethane	ND	0.24	ppmv							
2-Chlorotoluene	ND	0.50	mg/m ³ Air							
2-Chlorotoluene	ND	0.097	ppmv							
2-Chlorotoluene	ND	0.50	ug/l							
4-Chlorotoluene	ND	0.50	"							
4-Chlorotoluene	ND	0.50	mg/m ³ Air							
4-Chlorotoluene	ND	0.097	ppmv							
Dibromochloromethane	ND	0.059	"							
Dibromochloromethane	ND	0.50	mg/m ³ Air							
Dibromochloromethane	ND	0.50	ug/l							
1,2-Dibromoethane (EDB)	ND	0.066	ppmv							
1,2-Dibromoethane (EDB)	ND	0.50	ug/l							
1,2-Dibromoethane (EDB)	ND	0.50	mg/m ³ Air							
Dibromomethane	ND	0.50	"							
Dibromomethane	ND	0.071	ppmv							
Dibromomethane	ND	0.50	ug/l							
1,2-Dibromo-3-chloropropane	ND	1.0	mg/m ³ Air							
1,2-Dibromo-3-chloropropane	ND	1.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	0.10	ppmv							
1,2-Dichlorobenzene	ND	0.084	"							
1,2-Dichlorobenzene	ND	0.50	mg/m ³ Air							
1,2-Dichlorobenzene	ND	0.50	ug/l							
1,3-Dichlorobenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.084	ppmv							
1,3-Dichlorobenzene	ND	0.50	mg/m ³ Air							
1,4-Dichlorobenzene	ND	0.084	ppmv							
1,4-Dichlorobenzene	ND	0.50	ug/l							
1,4-Dichlorobenzene	ND	0.50	mg/m ³ Air							
Dichlorodifluoromethane	ND	0.50	"							
Dichlorodifluoromethane	ND	0.10	ppmv							
Dichlorodifluoromethane	ND	0.50	ug/l							

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Blank (3J03028-BLK1)

Prepared & Analyzed: 10/03/03

1,1-Dichloroethane	ND	0.12	ppmv							
1,1-Dichloroethane	ND	0.50	mg/m ³ Air							
1,1-Dichloroethane	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.12	ppmv							
1,2-Dichloroethane	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	mg/m ³ Air							
1,1-Dichloroethene	ND	0.13	ppmv							
1,1-Dichloroethene	ND	0.50	ug/l							
1,1-Dichloroethene	ND	0.50	mg/m ³ Air							
cis-1,2-Dichloroethene	ND	0.50	"							
cis-1,2-Dichloroethene	ND	0.50	ug/l							
cis-1,2-Dichloroethene	ND	0.13	ppmv							
trans-1,2-Dichloroethene	ND	0.13	"							
trans-1,2-Dichloroethene	ND	0.50	ug/l							
trans-1,2-Dichloroethene	ND	0.50	mg/m ³ Air							
1,2-Dichloropropane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	ug/l							
1,2-Dichloropropane	ND	0.11	ppmv							
1,3-Dichloropropane	ND	0.11	"							
1,3-Dichloropropane	ND	0.50	ug/l							
1,3-Dichloropropane	ND	0.50	mg/m ³ Air							
2,2-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	0.44	ppmv							
2,2-Dichloropropane	ND	2.0	mg/m ³ Air							
1,1-Dichloropropene	ND	0.11	ppmv							
1,1-Dichloropropene	ND	0.50	ug/l							
1,1-Dichloropropene	ND	0.50	mg/m ³ Air							
Ethylbenzene	ND	0.50	"							
Ethylbenzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.12	ppmv							
Hexachlorobutadiene	ND	0.19	"							
Hexachlorobutadiene	ND	2.0	mg/m ³ Air							
Hexachlorobutadiene	ND	2.0	ug/l							
Isopropylbenzene	ND	0.50	"							
Isopropylbenzene	ND	0.50	mg/m ³ Air							
Isopropylbenzene	ND	0.10	ppmv							

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Blank (3J03028-BLK1)

Prepared & Analyzed: 10/03/03

p-Isopropyltoluene	ND	0.50	ug/l							
p-Isopropyltoluene	ND	0.50	mg/m ³ Air							
p-Isopropyltoluene	ND	0.091	ppmv							
Methylene chloride	ND	0.50	mg/m ³ Air							
Methylene chloride	ND	0.50	ug/l							
Methylene chloride	ND	0.14	ppmv							
Naphthalene	ND	5.0	ug/l							
Naphthalene	ND	0.95	ppmv							
Naphthalene	ND	5.0	mg/m ³ Air							
n-Propylbenzene	ND	0.50	"							
n-Propylbenzene	ND	0.50	ug/l							
n-Propylbenzene	ND	0.10	ppmv							
Styrene	ND	0.12	"							
Styrene	ND	0.50	mg/m ³ Air							
Styrene	ND	0.50	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.50	"							
1,1,1,2-Tetrachloroethane	ND	0.074	ppmv							
1,1,1,2-Tetrachloroethane	ND	0.50	mg/m ³ Air							
1,1,2,2-Tetrachloroethane	ND	0.074	ppmv							
1,1,2,2-Tetrachloroethane	ND	0.50	mg/m ³ Air							
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l							
Tetrachloroethene	ND	0.50	mg/m ³ Air							
Tetrachloroethene	ND	0.075	ppmv							
Tetrachloroethene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Toluene	ND	0.50	mg/m ³ Air							
Toluene	ND	0.13	ppmv							
1,2,3-Trichlorobenzene	ND	0.068	"							
1,2,3-Trichlorobenzene	ND	0.50	mg/m ³ Air							
1,2,3-Trichlorobenzene	ND	0.50	ug/l							
1,2,4-Trichlorobenzene	ND	0.068	ppmv							
1,2,4-Trichlorobenzene	ND	0.50	ug/l							
1,2,4-Trichlorobenzene	ND	0.50	mg/m ³ Air							
1,1,1-Trichloroethane	ND	0.50	ug/l							
1,1,1-Trichloroethane	ND	0.093	ppmv							
1,1,1-Trichloroethane	ND	0.50	mg/m ³ Air							

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Blank (3J03028-BLK1)

Prepared & Analyzed: 10/03/03

1,1,2-Trichloroethane	ND	0.093	ppmv							
1,1,2-Trichloroethane	ND	0.50	mg/m ³ Air							
1,1,2-Trichloroethane	ND	0.50	ug/l							
Trichloroethene	ND	0.50	"							
Trichloroethene	ND	0.50	mg/m ³ Air							
Trichloroethene	ND	0.094	ppmv							
Trichlorofluoromethane	ND	0.090	"							
Trichlorofluoromethane	ND	0.50	ug/l							
Trichlorofluoromethane	ND	0.50	mg/m ³ Air							
1,2,3-Trichloropropane	ND	0.50	"							
1,2,3-Trichloropropane	ND	0.084	ppmv							
1,2,3-Trichloropropane	ND	0.50	ug/l							
1,2,4-Trimethylbenzene	ND	0.10	ppmv							
1,2,4-Trimethylbenzene	ND	0.50	mg/m ³ Air							
1,2,4-Trimethylbenzene	ND	0.50	ug/l							
1,3,5-Trimethylbenzene	ND	0.10	ppmv							
1,3,5-Trimethylbenzene	ND	0.50	ug/l							
1,3,5-Trimethylbenzene	ND	0.50	mg/m ³ Air							
Vinyl chloride	ND	0.50	"							
Vinyl chloride	ND	0.50	ug/l							
Vinyl chloride	ND	0.20	ppmv							
Xylenes (total)	ND	0.12	"							
Xylenes (total)	ND	0.50	mg/m ³ Air							
Xylenes (total)	ND	0.50	ug/l							
Surrogate: Dibromofluoromethane	4.70		mg/m ³ Air	5.00		94.0	73-130			
Surrogate: Dibromofluoromethane	4.70		ug/l	5.00		94.0	73-130			
Surrogate: Dibromofluoromethane	0.599		ppmv	0.637		94.0	73-130			
Surrogate: 1,2-Dichloroethane-d4	4.82		mg/m ³ Air	5.00		96.4	78-129			
Surrogate: 1,2-Dichloroethane-d4	1.14		ppmv	1.19		95.8	78-129			
Surrogate: 1,2-Dichloroethane-d4	4.82		ug/l	5.00		96.4	78-129			
Surrogate: Toluene-d8	4.67		mg/m ³ Air	5.00		93.4	81-116			
Surrogate: Toluene-d8	1.24		ppmv	1.33		93.2	81-116			
Surrogate: Toluene-d8	4.67		ug/l	5.00		93.4	81-116			
Surrogate: 4-Bromofluorobenzene	4.80		mg/m ³ Air	5.00		96.0	71-117			
Surrogate: 4-Bromofluorobenzene	4.80		ug/l	5.00		96.0	71-117			
Surrogate: 4-Bromofluorobenzene	0.671		ppmv	0.699		96.0	71-117			

Sequoia Analytical - Morgan Hill

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City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Laboratory Control Sample (3J03028-BS1)

Prepared: 10/03/03 Analyzed: 10/04/03

Benzene	10.1	0.50	mg/m ³ Air	10.0		101	78-124			
Benzene	3.17	0.16	ppmv	3.14		101	78-124			
Benzene	10.1	0.50	ug/l	10.0		101	78-124			
Chlorobenzene	10.0	0.50	mg/m ³ Air	10.0		100	80-127			
Chlorobenzene	2.17	0.11	ppmv	2.16		100	80-127			
Chlorobenzene	10.0	0.50	ug/l	10.0		100	80-127			
1,1-Dichloroethene	9.65	0.50	"	10.0		96.5	75-124			
1,1-Dichloroethene	9.65	0.50	mg/m ³ Air	10.0		96.5	75-124			
1,1-Dichloroethene	2.43	0.13	ppmv	2.52		96.4	75-124			
Toluene	10.0	0.50	mg/m ³ Air	10.0		100	78-129			
Toluene	2.66	0.13	ppmv	2.66		100	78-129			
Toluene	10.0	0.50	ug/l	10.0		100	78-129			
Trichloroethene	2.01	0.094	ppmv	1.87		107	75-133			
Trichloroethene	10.7	0.50	ug/l	10.0		107	75-133			
Trichloroethene	10.7	0.50	mg/m ³ Air	10.0		107	75-133			
Surrogate: Dibromofluoromethane	0.688		ppmv	0.637		108	73-130			
Surrogate: Dibromofluoromethane	5.40		mg/m ³ Air	5.00		108	73-130			
Surrogate: Dibromofluoromethane	5.40		ug/l	5.00		108	73-130			
Surrogate: 1,2-Dichloroethane-d4	5.44		"	5.00		109	78-129			
Surrogate: 1,2-Dichloroethane-d4	5.44		mg/m ³ Air	5.00		109	78-129			
Surrogate: 1,2-Dichloroethane-d4	1.29		ppmv	1.19		108	78-129			
Surrogate: Toluene-d8	1.38		"	1.33		104	81-116			
Surrogate: Toluene-d8	5.19		ug/l	5.00		104	81-116			
Surrogate: Toluene-d8	5.19		mg/m ³ Air	5.00		104	81-116			
Surrogate: 4-Bromofluorobenzene	5.26		ug/l	5.00		105	71-117			
Surrogate: 4-Bromofluorobenzene	0.735		ppmv	0.699		105	71-117			
Surrogate: 4-Bromofluorobenzene	5.26		mg/m ³ Air	5.00		105	71-117			

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J03028 - EPA 5030B Modified

Laboratory Control Sample Dup (3J03028-BSD1)

Prepared: 10/03/03 Analyzed: 10/04/03

Benzene	10.2	0.50	mg/m ³ Air	10.0		102	78-124	0.985	12	
Benzene	3.21	0.16	ppmv	3.14		102	78-124	1.25	12	
Benzene	10.2	0.50	ug/l	10.0		102	78-124	0.985	12	
Chlorobenzene	9.77	0.50	"	10.0		97.7	80-127	2.33	10	
Chlorobenzene	9.77	0.50	mg/m ³ Air	10.0		97.7	80-127	2.33	10	
Chlorobenzene	2.11	0.11	ppmv	2.16		97.7	80-127	2.80	10	
1,1-Dichloroethene	10.5	0.50	mg/m ³ Air	10.0		105	75-124	8.44	16	
1,1-Dichloroethene	2.65	0.13	ppmv	2.52		105	75-124	8.66	16	
1,1-Dichloroethene	10.5	0.50	ug/l	10.0		105	75-124	8.44	16	
Toluene	9.62	0.50	mg/m ³ Air	10.0		96.2	78-129	3.87	10	
Toluene	9.62	0.50	ug/l	10.0		96.2	78-129	3.87	10	
Toluene	2.56	0.13	ppmv	2.66		96.2	78-129	3.83	10	
Trichloroethene	11.1	0.50	mg/m ³ Air	10.0		111	75-133	3.67	16	
Trichloroethene	11.1	0.50	ug/l	10.0		111	75-133	3.67	16	
Trichloroethene	2.07	0.094	ppmv	1.87		111	75-133	2.94	16	
Surrogate: Dibromofluoromethane	5.48		ug/l	5.00		110	73-130			
Surrogate: Dibromofluoromethane	0.698		ppmv	0.637		110	73-130			
Surrogate: Dibromofluoromethane	5.48		mg/m ³ Air	5.00		110	73-130			
Surrogate: 1,2-Dichloroethane-d4	5.55		ug/l	5.00		111	78-129			
Surrogate: 1,2-Dichloroethane-d4	5.55		mg/m ³ Air	5.00		111	78-129			
Surrogate: 1,2-Dichloroethane-d4	1.32		ppmv	1.19		111	78-129			
Surrogate: Toluene-d8	5.00		mg/m ³ Air	5.00		100	81-116			
Surrogate: Toluene-d8	1.33		ppmv	1.33		100	81-116			
Surrogate: Toluene-d8	5.00		ug/l	5.00		100	81-116			
Surrogate: 4-Bromofluorobenzene	4.99		"	5.00		99.8	71-117			
Surrogate: 4-Bromofluorobenzene	4.99		mg/m ³ Air	5.00		99.8	71-117			
Surrogate: 4-Bromofluorobenzene	0.697		ppmv	0.699		99.7	71-117			

City of San Jose ESD Lab
4245 Zanker Road, Suite L
San Jose CA, 95134

Project: -
Project Number: Plant Ops
Project Manager: John Gibbs

MMJ0005
Reported:
10/15/03 10:11

Notes and Definitions

HT-09 The sample was analyzed beyond the industry standard recommended holding time. There is no EPA recommended holding time.

R-01 The reporting limit for this analyte has been raised to account for matrix interference.

S-LIM The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



CITY OF
SAN JOSE

CAPITAL OF SILICON VALLEY
Environmental Services Laboratory

City of San Jose
Watershed Protection
LABORATORY

LABORATORY WORK REQUEST

Work Approved:

Work Request 03-4015

Lab Supervisor

Send Report To:
Gibbs, John

Date Request Printed: 9/30/2003 8:30 AM

Project ID / Sample Source: Plant Ops

Originator: Hageman, Chuck

Date & Time Collected	Accession Number	Permit Number	Customer ID	No./Type of Containers (Volume)	Methods Requested	Sample Matrix	Preservation
9/30/03 12:00 am	V030929-001		03-273-GS-001	1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
Comments:	Source: Natural Gas			1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
9/30/03 12:00 am	V030929-003		03-273-GS-003	1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
Comments:	Source: Digester Gas Before Compressor			1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
9/30/03 12:00 am	V030929-004		03-273-GS-004	1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
Comments:	Source: Digester Gas After Compressor			1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
9/30/03 12:00 am	V030929-005		03-273-GS-005	1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
Comments:	Source: Blended Gas BG-1			1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
9/30/03 7:00 am	V030929-002		03-273-GS-002	1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>
Comments:	Source: Landfill Gas			1 Bag	8260 Mod. (Air)	GAS	<input type="checkbox"/>

Relinquished By: Hageman, Chuck

Signature:

Received By: 9/30/03 11:58

Signature/Date: 9/30/03 1850

By:

Received By: Chang, Michael

Signature:

Received By: 9/30/03 11:58

Signature/Date: 9/30/03 1850

Received By:

Signature/Date:

☐ In House

Surrounded to Lab: 9/30/03 11:00 am

Expenditure Identifier:
513-Water Pollution Control

☒ Contract Lab:

Sequoia

Cost: \$825.00